

What is claimed is:

1. A hydrogen supply unit comprising a reforming means for generating hydrogen gas by reforming a source gas, a first storage means for storing and supplying the hydrogen gas obtained by said reforming means to a first fuel cell used as a stationary electric power supply, and a second storage means for storing the hydrogen gas obtained by said reforming means and supplies to a second fuel cell used as a mobile electric power supply, wherein:

said second storage device comprises a pressurization means for pressurizing the hydrogen gas to be stored.

2. The hydrogen supply unit according to claim 1, wherein both of the storage devices comprise a purifying means for purifying hydrogen gas between said reforming device and both storage means, and both storage means store the hydrogen gas purified by said purifying means.

3. The hydrogen supply unit according to claim 1, wherein said first storage means stores hydrogen gas by use of a hydrogen absorbing alloy.

4. The hydrogen supply unit according to claim 3, wherein said first storage means releases the hydrogen gas from said hydrogen absorbing alloy by use of waste heat of said reforming means or waste heat of said first fuel cell.

5. The hydrogen supply unit according to claim 1, wherein the hydrogen gas stored in said second storage means is pressurized by said pressurizing means to a pressure in a range from 10 to 70 MPa.

6. The hydrogen supply unit according to claim 1, wherein the unit comprises a remaining amount detecting means for hydrogen gas for detecting a remaining amount of the hydrogen gas stored in said second storage means, and a control means for feedback controlling the amount of the hydrogen gas generated by said reforming means on the basis of the remaining amount of the hydrogen gas detected by said remaining amount detecting means for hydrogen gas.